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(See Page 2)

THE ILLINOIS ENGINEER, MARCH, 1950—VOLUME XXVI, NO. 3

Address all communications to the Society at 204 Civil Engineering Hall, Urbana, Illinois.
The Society is not responsible for statements made or opinions expressed in this publication.

ILLINOIS SOCIETY OF PROFESSIONAL ENGINEERS, Incorporated

Affiliated with the National Society of Professional Engineers

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Of Professional Interest

MESSAGE FROM THE JUNIOR REPRESENTATIVE

What ISPE Means to Me

It was one year ago during my first Illinois Society of Professional Engineers meeting that I found myself, along with all other engineers present, offering a \$10.00 to help defeat two important proposed legislative measures. No money was collected but the membership chairman graciously accepted my application. Since that fated session, the ISPE and professional engineering have taken on many new meanings.

The ISPE is an organization which can protect our profession from intruders who are not qualified. This makes engineering more honorable and of more service to the public.

The ISPE keeps us in direct contact with current legislation which affects engineers directly or indirectly, both nationally and locally.

Working conditions and wages can be improved by an organization such as the ISPE.

One of the greatest benefits obtained through the ISPE is the professional contacts derived from the meetings. Probably no other large organization contains such a cross section of engineers.

These are but a few of the benefits to be derived from the ISPE and the easiest way to reap them is to accept responsibility and help where needed.

LEE E. STICKLER

CAPITAL CHAPTER SPONSORS FIRST STRUCTURAL REFRESHER

The first structural refresher course started in Springfield on February 2, 1950, with 29 members. The course will be a full 48-hour course concluded in 16 weeks. Prof. Reichert of the University of Illinois Civil Engineering Dept. is doing a splendid job of presenting the course. The course is set up to cover material asked in past examinations. Much favorable comment has been heard regarding the course.

VOTE ON PROPOSITION NO. 1 NEGATIVE

Between February 15th and March 1 the corporate members were given an opportunity to express their preference on Proposition No. 1 of the proposed Building Program. The result of the vote was 220 yes, 297 no, and 1 spoiled. The Executive Committee met on Friday morning, March 3, and notified the owner that the Society was no longer interested in purchasing the building.

ENGINEERING OPEN HOUSE RESCHEDULED

Because of the brownout on account of the coal restrictions, the first postwar "I SEE" Illinois Student Engineering Exhibit had to be rescheduled from March 15th to March 31st and April 1st.

THE PRESIDENT'S MESSAGE

A new man in an old job—an old man in a new job!

Almost, as I undertake the task of President of our State Society, I could wish for a crystal ball to see what the year in prospect holds. Certainly I can and do desire all the wise counsel, good judgment, and able assistance that I can command.

What all responsibilities the office entails I do not yet know. Mayhap it entails some responsibility of leadership, a responsibility above all most difficult to discharge. Successful leadership requires able lieutenants. In our Society we have two groups of lieutenants—the Chapter officers, who are selected by the Chapters, and State committee chairmen and members, most of whom are appointed by the State President. In the selection of this latter group of lieutenants lies the President's greatest opportunity to exercise leadership, and to the best of my ability I have endeavored to utilize it.

Notices of dues sent out last December carried "coupons" on which every member was given the opportunity to express his interest in and preference of State committees. The response was gratifying and to the fullest extent possible every man who signified his desire to serve on a State committee was appointed to it. These preferential appointments were supplemented by additions of members whose abilities had been previously demonstrated.

Much of the success that the Society may attain this year will depend on the degree to which these committees accomplish their tasks. Without minimizing in the least the importance of other committees, I confess that I am anticipating especially fruitful results from the newly created Military Affairs (or Civilian Defense), the Public Interests, the Advertising, the State Engineering Employees, and the U. S. G. S. Mapping committees.

If we can get the "Military Affairs" Committee properly organized, with local committees in every chapter and with reserve officer and other interested engineer members in such committees, I feel our Society can serve the State citizenry to an extent hitherto undreamed of.

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READ THE ADVERTISEMENTS

SUBSCRIPTION RATES

\$2.00 per year in advance to members of the Illinois Society of Professional Engineers. \$4.00 per year in advance to non-members in U.S.A. and its possessions, Canada, and Mexico. Foreign \$6.00. Single copies 40c.

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In a somewhat similar way the Public Interests committee possesses potentialities for serving the public and thus enhancing our Society's position in public esteem. The potential results of the other committees will directly redound probably more to the benefit of the Society and its members than to the public.

In another way committee work serves the Society. Interest in the Society will be increased to the extent that its members can serve it. In past years, when our Society comprised many technical sections, the offices of chairmen and trustees of the sections provided numerous opportunities for service by members. Since these sections were abandoned when our Society assumed professional status, such opportunities were closed and committee assignments now constitute the only avenues for members to serve the State Society directly.

GEORGE E. EKBLAW, *President, I.S.P.E.*

NOTICE TO BEGINNERS REGISTERED UNDER THE GRANDFATHER CLAUSE

Engineers registered under the grandfather clause who may want to be registered by examination and who are graduates of accredited engineering colleges may avoid taking Parts I and II of the examination if said examination is applied for before July 20, 1950. The Department of Registration states that they must file an application with a \$20.00 deposit just the same as a non-registered engineer and if they pass the examination they will receive a \$10.00 refund when they turn in their old licenses. Failure to pass the examination will not affect the status of their present license and furthermore the examination may be repeated at a later date.

COST OF LIVING INDEX

The correction factor to be applied to the I. S. P. E. Schedule of Minimum Fees and Salaries was 166.9 for January 1949. This factor is based upon the U. S. Department of Labor's most recent Consumer Price Index.

DE LEUW, CATHER AND CO. TO PREPARE PLANS FOR CLEVELAND TRANSIT SYSTEM

DeLeuw, Cather & Company, Consulting Engineers of Chicago, were awarded a contract by the Cleveland Transit Board on February 2 to prepare plans and to supervise construction of Cleveland's new \$16 million rapid transit system. Financing has been arranged through a loan of \$22 million from the Reconstruction Finance Corporation. The balance of the money will be used for new equipment, shops and other capital improvements. The RFC financing was based on an earlier DeLeuw, Cather report on modernization of the entire system, and potential patronage of the rapid transit operation.

The total transportation of petroleum and its products almost doubled between 1938 and 1948, according to petroleum transportation data of the Department of the Interior.

COVER PICTURE

I. S. P. E. Board of Direction for 1950

Rear Row—left to right:

R. E. Anderson—Director, Lake County Chapter
E. M. Toussaint—Director, Rockford Chapter
R. G. Brichler—Director, St. Clair Chapter
J. W. Henline—Director, Ambraw Chapter
R. S. Nelle—Director, Capital Chapter
F. L. Dunavan—Director, Illinois Valley Chapter
W. E. Willis—Director, Madison County Chapter
D. W. Wallace—Peoria Chapter

Second Row—left to right:

Miles Lamb—Director, Chicago Chapter
E. W. Lehmann—Director, Champaign County Chapter
J. L. Howie—Director, Central Illinois Chapter
C. E. Rogers—Director, Joliet Chapter
V. H. Kasser—Director, DuKane Chapter
L. I. Osborn—Acting Director, Kewanee Chapter
P. E. Roberts—Assistant Secretary, I.S.P.E.
Lee E. Stickler—Junior Representative

First Row—left to right:

W. A. Oliver—National Director, N.S.P.E.
Patricia Whelan—Office Secretary
V. E. Gunlock—Vice-President, I.S.P.E.
George E. Ekblaw—President, I.S.P.E.
H. E. Babbitt—Secretary-Treasurer, I.S.P.E.
C. T. Morrisett—Alternate National Director, N.S.P.E.
James Whelan—Past President, I.S.P.E.

Not Present:

R. H. Anderson—Director, Rock River Chapter
A. R. Boudinot—Director, Kewanee Chapter
W. W. Wallace—I.E.C. Chairman
C. S. Ward—Director, Egyptian Chapter

SHOTS HERE AND THERE AT THE 65th IN DECATUR

The pictures on the next page were taken at the Annual Meeting in Decatur and are presented here through the courtesy of the *Construction Digest*. The individuals may be identified from left to right as follows:

1. A. Klarkowski, Jenkins & Boller, Contractors; L. J. Wright and Edward Maue, Portland Cement Assn.; and R. A. Lonie, Ill. Div. of Highways.

2. Mayor J. A. Hedrick of Decatur congratulates W. D. C. Warren upon being presented an honorary membership in the Illinois Society of Professional Engineers. Wayne W. Wallace, Past President, I.S.P.E., Portland Cement Assn. and W. W. Everitt, Dean of Engineering, University of Illinois, look on.

3. Chapter presidents of Illinois Society, J. P. Murphy, Capital Chapter; S. A. Simonsen, Lake County Chapter; W. G. Flagler, Madison County Chapter; T. O. Cromeenes, Egyptian Chapter; B. C. Taylor, Rock River Chapter; Russell E. Gibbs, Peoria Chapter.

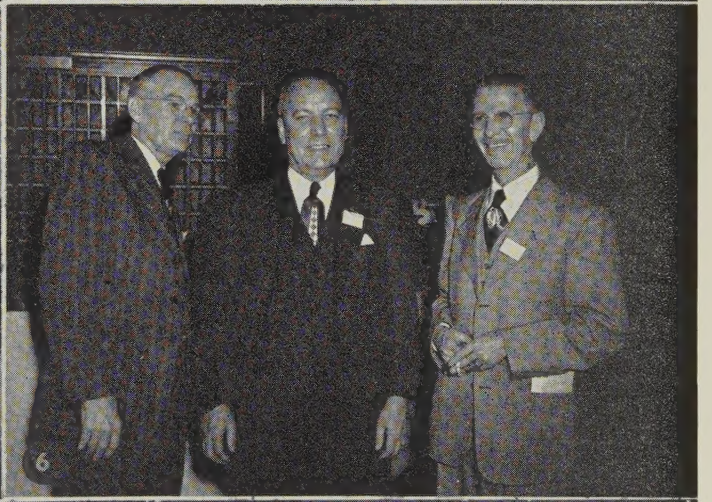
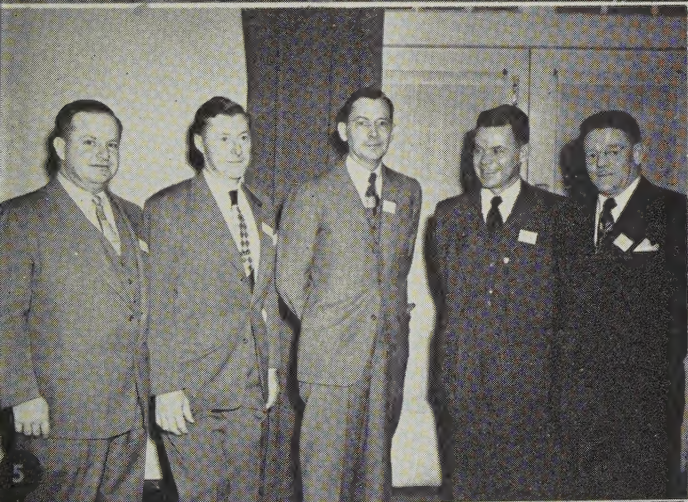
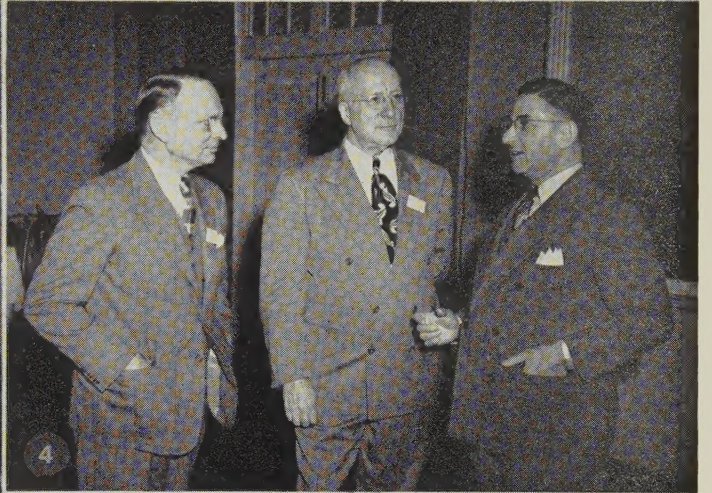
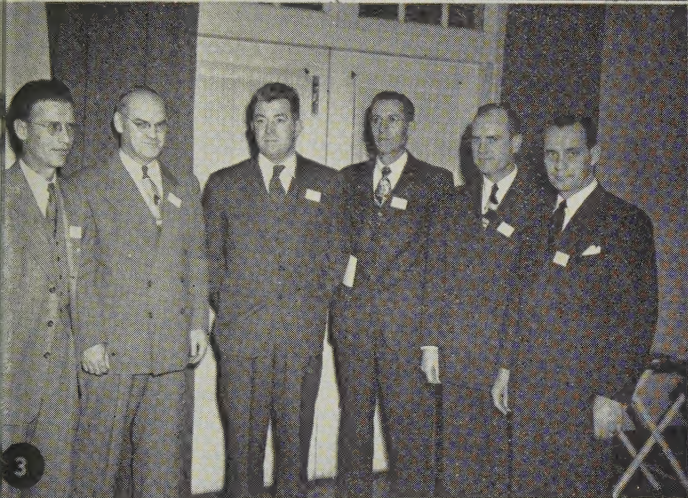
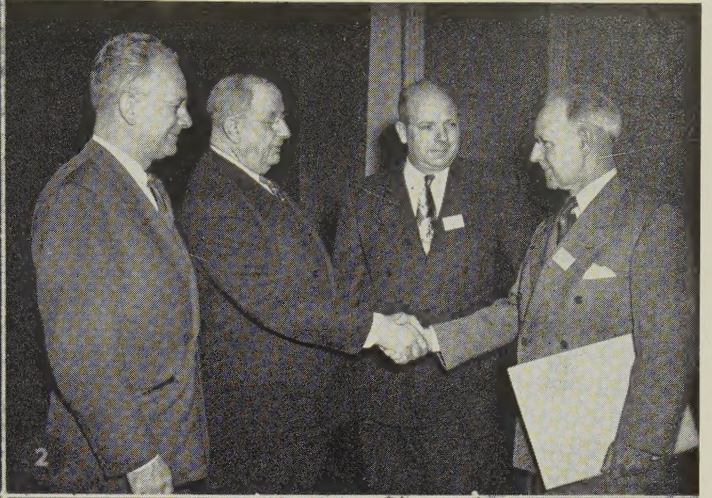
4. W. A. Oliver, National Director, N.S.P.E.; H. E. Babbitt, Secretary-Treasurer of I.S.P.E.; Alex Van Praag, Jr., Past President of N.S.P.E.

5. More Chapter Presidents, Bill Howard, Rockford Chapter; J. A. Askren, Central Illinois Chapter; D. R. Connor, Sr., Ambraw Chapter; H. E. Hudson, Jr., Champaign County Chapter; and C. A. Wall, Chicago Chapter.

6. E. E. Cooper, past president of I.S.P.E.; L. M. Spurling received the Illinois Award from I.S.P.E.; A. H. Ferger, Secretary, Rock River Chapter.

7. Speakers table at the Annual Luncheon, Dean W. L. Everitt, Past President Whelan, Mayor J. A. Hedrick of Decatur, Past President Cooper, President Ekblaw, J. A. Askren, President of Central Illinois Chapter and Secretary Babbitt.

8. Scene at the luncheon, January 27.



TWO LETTERS TO CHAPTER OFFICERS

To Presidents of Chapters

Gentlemen:

Each year the newly elected President of our Society is faced with the task of selecting the membership of several State committees. Some of our committees—Advertising, Membership, Publicity, and Registration Laws—are supposed to be composed of one member from each Chapter, generally the chairman of the same Chapter committee, and for these the President appoints only the chairmen.

In the past the Presidents-elect have welcomed suggestions regarding good prospects for the committees. I am sure the same will be true this year. Will you therefore assist by submitting, either on your own initiative or with the advice of your Chapter executive committee, the names and qualifications of members of your Chapter or of other Chapters who in your opinion would serve well as chairmen of the four committees listed above or as chairmen or members of the other State committees, excluding ex-officio memberships. The complete list of committees will be found on the inside of the front cover of the *Illinois Engineer*.

Your suggestions should reach the Secretary's office not later than January 18 to be available for consideration. Because it is not desirable that most of the committees be too large, it may prove impossible to place all the candidates you suggest, but if their names are received in time you may be assured they will receive due consideration.

It would also be helpful if at this time you could also transmit the names of your Chapter members, who through virtue of their position as chairmen of the same Chapter committees for the ensuing year or otherwise, should be appointed to the four State committees listed above.

Very truly yours,

H. E. BABBITT, *Secretary*

To All Chapter Secretaries

Gentlemen:

No doubt you are familiar with the column which has been published quite regularly in the *Illinois Engineer* entitled, Items of Personal Interest. It has attracted some favorable comment and I consider it well worth continuing but have found some difficulty in doing so because of a lack of items. Will you take it upon yourself to collect such information as may be suitable for this column and send it in to me. Among a number of possible subjects are births, marriages, changes in position, political or civic activity or even notice of deaths in the family of members, if properly handled. If you will send me or see that I am sent a statement of the fact I shall see that it is prepared for publication.

A second *Illinois Engineer* matter which I would like to discuss is, News from Chapters. This is actually a permanent record of chapter activities. Some Chapters never fail to send in a report after every Chapter meeting. Others are quite irregular about it. These reports

should be as concise and brief as possible but at the same time should tell a complete story concerning what the Chapter is doing.

Your cooperation will be appreciated.

Cordially yours,

WILLIAM A. OLIVER,
Editor, ILLINOIS ENGINEER

FROM THE DESK OF P. E. ROBERTS

Membership

This is the time of year in Society affairs when membership campaigns are begun. While some of our Chapter membership chairmen have served at some time before, many are new to the job ahead. Each Chapter has its own ideas as to the most effective way to accomplish its purpose but, by and large, a campaign laid out and conducted similar to a Chamber of Commerce drive is a good plan. The usual procedure is to divide the territory either geographically or by industry, organize the teams, give them a pep talk and set them to work. Results come from personal calls—you must ask them to buy—and strange as it may seem to you, they will buy.

Dues Payment

One indication that we are growing in strength is the promptness in the receipt of dues during the past ten weeks. At this time we are at the same place in due collection that we were on May 13 last year. With the strides already made we will be at the "clean-up" stage very soon. The help of Chapter Secretaries in calling attention to dues payment is necessary and appreciated by the state office. The figures tell the story:

	1950		1949		1949	
	Feb. 24		Feb. 25		May 13	
Current.....	1270	71%	86	5%	1250	71%
In Arrears.....	415	23%	1465	87%	381	22%
Delinquents.....	106	6%	131	8%	117	7%
	1789		1682		1748	

Advertising

There was some discussion at the Annual Meeting about securing more advertising for the *Illinois Engineer*. For the past year, we have had a contract with the Gates Company to secure advertising for us. Since they have sold none, this office asked for and has been given a suspension of this contract for an indefinite period. As the Gates Company might come into the picture at any time, those Chapters who would like to make a little extra money for themselves should make the move now. Rate cards have been prepared and will be sent out sometime this week.

For a quick and sometimes easy sale, the professional card which is limited to our own members sells for \$30.00 for 8 issues. One card space from each Chapter area should not be too difficult to sell.

No, Willie, whatever they may say in Europe, Uncle Sam is not the original Loan Ranger.

Professional Unification — Possibilities and Progress

ALEX VAN PRAAG, JR., Member I.S.P.E.
Past-President, National Society of Professional Engineers

(Extracts from address presented at the 65th Annual Meeting)

President Whelan, members of the Illinois Society of Professional Engineers, and guests. I am pleased to have this opportunity of returning to my home city, and to talk to you here at home, which is rare.

I was asked by the Program Chairman to prepare an address of 30 minutes duration. I was asked by Professor Oliver, your Editor, to prepare the paper in writing and in advance. I have done neither. Instead I ask your indulgence while I talk informally and "off-the-record." I think by so doing I can shorten the presentation. I think, too, that I can tell you some things which perhaps would not want published in our *Illinois Engineer*, for the reason that I find our *Illinois Engineer* and *American Engineer* are scrutinized in great detail by certain others who seek to learn just what we think, and they take occasion to frequently misinterpret and misconstrue many of our spoken or written words.

Now, I think that all of you here know that when I was President of the National Society of Professional Engineers a year ago, I traveled extensively—that I traveled from coast to coast and throughout the United States, and traveled some 50,000 miles more or less in the interest of the Society. That travel did one thing for me. It gave me an opportunity to meet with individuals, with small groups, with middle-sized groups, and larger groups of 1000 and more to talk about professional affairs. In these meetings I think I learned what the engineer—the professional engineer—is thinking. I think I learned what the public thinks about the engineer. Those two things are very important to our subject this morning — Professional Unification — Possibilities and Progress.

As far as the engineer himself is concerned, I think it can be said that he is an unhappy individual as far as his professional status and professional unity is concerned. He is not pleased with his professional or his social or his economic status. He is not pleased with the absence of a national voice in professional affairs. He is not pleased with the lack of a national voice speaking for the engineer in legislative matters. He is not happy about the lack of public recognition. He is not satisfied with the scholastic or educational requirements of engineering education. He is not happy about the position of the young engineer and his exploitation by industry in so many instances. He is very much concerned about the undeserved inferior status of the engineer in military affairs. There are many other things he is not happy about.

Let us look at the other side of the picture. Let us look at what the public thinks of the professional engi-

neer. You can sum the matter up by saying that the public does not know what a professional engineer is or what a professional engineer does. The public accepts engineering accomplishment as accepted fact. The public looks at the end result—that which is done by the engineer—without any manner looking to who accomplishes that end result or makes it possible. It is indeed amazing how little recognition is given to the professional engineer by the public.

Look back for a moment at the developments of the centuries in structures, in sanitation, in industrial engineering, in transportation, in communications, in radar and television, such latter as you heard about only yesterday from the address of Illinois' own Dean Wm. Everitt. Yes, look at the atomic bomb development. Now it is true that the tremendous development in this and many other related fields, which I will not mention because of time limitation, are in a measure the result of the scientists' work, but it takes the professional engineer to take the findings and discoveries of science and put them together to make each of them a true reality, that the world may enjoy the result of scientific discovery and endeavor. And yet when you talk about these developments to anyone—to the public—they say the engineering of "that thing" has been tremendous, it is a marvelous technical development of engineering. The technical engineering aspects have been truly remarkable even in our own last generation, and are only the end result. I tell you it is the end result which is looked at and not who accomplished it, with the result that you know too well that the engineer is not recognized and he is frequently not even respected. He does not receive an appropriate reward of recognition and any gratification or feeling of self-satisfaction that does come to him, comes entirely from his own personal accomplishment and endeavor.

Let us look at this from a standpoint of professional unity. We have absolutely no engineering unity, and I tell you that it is this lack of unity—it is this lack of professional recognition—which makes for much of the unhappiness of the engineer, and I say to you that the first step in bringing about engineering recognition—engineering attainment recognition—will come from unification of the profession of engineering and not until we do unify it. As proof of what I am saying I need only recite that there are 100 or more national engineering societies but not one, unless it is the relatively newly born N.S.P.E., which is capable of serving on a national basis a unified profession and all engineers in all branches of the profession.

What has been done about this in the past? There have been feeble efforts to bring unity into the profession. There was an American Engineering Council, created back in the '20's, tending to bring the various engineering societies into a unified group. Many reasons are advanced for its failure. Some of you will recall the American Association of Engineers organized about 1916. I joined it as a student at the University of Illinois. You well know that that society, although it still exists, is most impotent and ineffective. You well know that during the past few years there has been formed a so-called Engineers Joint Council directed to effecting unity in the profession. It exists today. It is making feeble efforts at unification. You should know, if you do not, that the Engineers Joint Council is made up of the President, the Senior Past-President and the Executive Director of each of five so-called technical societies—the chemicals, civils, electricals-mechanicals, and the mining and metallurgicals. They created a council for the purpose of discussing problems common to the engineer. They have tried—they have done some effective work, but in my opinion the council is so organized that it cannot perform effectively for the profession as a whole. That council is not equipped to effect unification of the profession. Each individual society is free to join each year, to stay out, to participate in a particular endeavor, or not, at its own discretion. There is no speaking voice of the individual in that council. It is really a committee of the several selected societies that meets and tries to steer the course of engineering and the professional engineer, and it is not in any way sufficient in membership, in scope or activities to bring about an effectively unified profession of engineering.

I say to you, if we are going to have unity in the engineering profession, we need to do things. We have got to respect the public's wishes and the first thing we have got to do with the public is to teach them who is an engineer and what he does. We can do that through the medium of registration laws and seeing that the examining committee's standards are high, that our practices and ethics are unquestioned and that our loyalty to public service stands out above our immediate personal desires and personal gains. Then we approach unification with a whole-hearted support of an understanding public.

If we are to make ourselves known, we have got to sell ourselves by our performance and our unselfish devotion to service of others. We have got to have high ideals. If we will start at that point and start working with our engineers themselves, there is an opportunity to bring our engineers into unity. We have got to think not in terms of one particular branch of engineering but of all branches of engineering, including the teachers of engineers, those in public service, those in private practice, those in industry and all of the rendered services of engineering.

Now, I would like, in these fleeting moments, to tell you of action in that direction. Last fall E.J.C. invited

15 of the principal engineering societies to send representatives to meet in New York City—one member from each society, and that group to discuss the possibilities of effecting a unified engineering profession. The first meeting was held September 16, 1949, and I represented the N.S.P.E. at that meeting. The meeting of these 15 representatives of societies resulted in rapidly reaching a number of conclusions. They concluded that there was need of an over-all engineering society that would look after the social, economic and welfare problems of the engineer. There was a quick running through of the agenda and practically on every matter such as legislation and education and problems of the young engineer and all related items, there was almost immediate action and approval by all of the 15 members. The one big question raised which led to much difference of opinion was "how shall we effect unity in the profession—by what type of organization?" Because of the nature of the discussions, of course, certain particular plans were proposed in the meeting. You might narrow the most reasonable plans proposed to two. One, that there be an over-all society and that it be one where individual membership participation shall prevail, or, two, that there shall be an expansion of the so-called Federation of Council type organization, and for all of the societies there be represented with a representative from that society. The discussions were long. No final result was achieved except this—it was agreed that if a unified profession should come out of the discussions of the participating societies, then it would not be necessary to see another engineering society and dues-paying organization created. To more effectively promote this discussion there was selected from the committee of 15 a committee of six to be known as the Planning Committee. I happened to be one of that six and the Planning Committee has had two additional meetings and the third meeting is scheduled for next Friday. I will be there as your representative. The Planning Committee has been instructed to weigh all of the reasonable and feasible plans for bringing unity in the profession. They can then bring together the conflicting viewpoints and come back to the committee of 15 with the plans that look feasible and reasonable so that the committee of 15 can take back to their organization a real plan for unity.

I am optimistic over what that committee may produce. I am optimistic because of the high caliber of the 15 men represented on that committee. I think these are men who stand the highest, or among the highest, in the engineering profession. There are such men as Dean Thorndike Saville of New York City College, Mr. R. J. Dougherty, President of Engineers Joint Council and until recently President of the American Society of Civil Engineers and Chief Engineer of the New York Central Railroad. Such men as Mr. T. G. LeClair, whom you heard last night. They are all responsible men. (There has to be one black sheep—that is me!) I am optimistic because of the willingness of the men to try to find the answer. I am pessimistic of the outcome of the

rankings of the committee because I feel there may be predetermined decisions of a few, and there may be pre-emption of one or more societies to rule "come in or high water."

At any rate, the Planning Committee has finally sifted available plans down to three. These are being discussed more and more. Here, briefly, are the three plans (1) Sponsored by E.J.C. and championed by Mr. R. E. Dougherty—expand the E.J.C., (2) The plan sponsored by the A.I.E.E. and championed by Mr. Titus LeClair let us have an over-all agency with the individual type membership participation, a program based upon a canvass of its A.I.E.E. membership made some years ago in which the membership asked to select the most desirable plan, (3) making N.S.P.E. the over-all agency of the profession and I need not say—championed by itself.

We are discussing in committee meetings at the moment these three plans, and I have reason to believe that at least one of them will be accepted without some modification, if they are accepted at all. I have good reason to believe that at the next meeting a fourth plan will be offered which is a compromise between the A.I.E.E. and N.S.P.E. plans, which looks like it has satisfied all of the objections to the so-called N.S.P.E. or E.J.C. plan and the A.I.E.E. plan.

I may be prejudiced in my thinking but I am more than pleased with the fact that the 15 principal societies are sitting down around the table trying to find an answer. I am gratified at that. All of the engineering societies were unanimous in their statement—"We need unification." All agree there are lots of problems. I don't know what the ultimate outcome will be, as I have said before. There is a reasonable prospect of success as long as we sit across the table and lay our cards on the table and discuss these matters, and from what I see of the present situation these discussions are going to be continued for one year, for I think it will take that long to effect an organizational pattern that the committee

or the society representatives will agree on, and then take the most acceptable proposal back to their societies and say, "What do you want done?" I think we are on the right track. I think we have the right type of people carrying on the discussions. What that I am optimistic of ultimate success, but to be successful we must have the support, too, of the individual membership and the various societies. We have got to quit having factional quarrels. We can have healthy discussions but when the discussions are ended, the majority must have ruled. We have got to have unity in the State societies and the Chapters and if we will build up unity from the Chapters to the State to the National, we will have something that is the best answer for the profession and that means something. Then, and then only, will we get the rewards that we are justly entitled to as professional engineers. Then, and then only, will the public enjoy the services of the professional engineer and a unified profession which it will accept with open arms.

I would like to close by telling a story which I heard recently at our church. Oh, yes, I go to church. At our church recently our minister told a story. It was a story of an amateur golfer who found one of his drives on the fairway and snugly resting at the very top of a large sand ant hill mound. When his turn came to take a further stroke, he swung violently at the already teed-up ball, only to miss the ball completely and to shower sand and ants in every direction. Embarrassed, he took a second vigorous swing with the same result, the ball again snugly resting at the top of the ant hill, which was considerably diminished in size. At this point two of the ants that were still there looked about and at each other questioningly, and then one of the ants spoke up and said to the other, "If we are going to do this job and we are going to be safe, it looks like we had better get on the ball."

That story well illustrates what the professional engineers need to do today with respect to professional unity. They had better get together and they had better get organized and "on the ball."

News From Chapters

DuKane Chapter

The meeting of Feb. 8, 1950 was attended by 20 members and guests. Minutes of January meeting were approved as read. After installation proceedings, President Cash again stressed the fact that increasing our membership will be the most important objective of the year. Stress will be placed in getting more members from Du Page County.

President Cash made the following committee appointments:

Program Committee—George M. Booth, Chairman; Wm. Ross, H. B. Greene, James Stevens, Wm. E. Creutz.

Membership Committee—C. J. Vranek, Chairman;

Paul Bloomberg, G. Deuchler, C. T. Streit, Ray Moore, F. S. Weir, J. Eric Anderson.

Advertising Committee—George M. Bohlig, Chairman; G. N. Bryan.

Ethics and Practice Committee—Clifford A. Ashley, Walter E. Deuchler, Co-Chairmen.

Publicity Committee—Robert M. Roy, Chairman.

Military Affairs Committee—Fritz Jenkins, Chairman.

Legislative Analyst Committee—Douglas E. Drier, Chairman.

Chapter Representative V. H. Kasser gave a report on the State convention held at Decatur on January 26, 27, & 28. He touched on all items listed on the agenda,

including presentations, Finance report and Status of the new Society Headquarters.

After the report, much time was given to the discussion of the building program. Kasser had reported the Executive Committee's recommendation which was—No. 1—To offer Mr. Sloan, the present tenant, a reasonable sum, he to give us a stipulation relieving us of any obligation to him in the event we take possession. If Sloan accepts our offer and Finfrock, our Attorney, approves the stipulation, we will complete the purchase with Mr. Boyer, the owner, immediately. We will proceed to raise the remaining \$20,000 required and will proceed with the plan as originally set up, and No. 5—which in case No. 1 fails, was to withdraw from the project at the present time and money returned to bond subscribers, without interest, as originally agreed.

The Board further recommended that the proposition be presented to the floor of the 65th Annual Business Meeting asking for an overwhelming vote of confidence from the floor of the convention. They recommended further that in the event that the vote was barely more than a majority on the floor of the convention, the matter to be referred to members by letter ballot.

It was our opinion that the vote on the convention floor was satisfactory and convincing—however, by motion and vote, it was decided to send out letter ballots to the membership.

In view of the discussion, the following resolution was made by Deuchler and seconded by Bateman and adopted by the Chapter:

"In view of the discussion, it is the best judgment of the members present that they recommend to all Chapter members to vote in favor of Option No. 1, then No. 5, if No. 1 fails to materialize. The membership to be notified of such action through letter by the Secretary of the Chapter."

Chapter finances were discussed and despite the scarcity of funds, a resolution was passed to levy no dues until membership sees fit to do so.

Program Chairman Booth mentioned the program planned for the February 9th meeting and implored the entire membership to be present.

Motion by Booth, seconded by Vranek to adjourn.

W. A. RAKOW, *Secretary-Treasurer*

Kewanee Chapter

The January 17, 1950 meeting of the Kewanee Chapter, I.S.P.E., was called to order by President Bronson, following dinner at the Custer Hotel in Galesburg. Thirty-two members and guests were present. Following introductions around the table the minutes of the December meeting were read and approved. Mr. Osborn reported on membership and Mr. Fulper reported on the program for February.

Under new business the matter of the Chapter's study of President Truman's so-called "Point Four" program was discussed at length, and Mr. Fulper made the motion, seconded by Mr. Dahlberg, that a copy of the Chap-

ter's report as included in the minutes of the December meeting be transmitted to the two U. S. Senators from Illinois and the Representative from the 19th district the honorable Messers Scott Lucas, Paul Douglas and Robert Chipfield. Motion was unanimously approved. Following this motion was made by Mr. Weimer, seconded by Mr. Fulper that the same resolution, as adopted by the Kewanee Chapter be submitted to the Annual meeting of the Society with the request that they take similar action. Motion was unanimously approved.

There being no further business, the meeting was turned over to Mr. Dissley, who introduced the speaker of the evening, Mr. Ernest Weber, of the C. B. & Q. Railroad (retired), who discussed the development of the diesel locomotives and the C. B. & Q. "Zephyrs." Mr. Weber had been in charge of the pioneering development of the diesel trains, and his lecture was punctuated with personal anecdotes illustrating the problems encountered in the early days of development.

Following Mr. Weber's talk, a long period of discussion indicated the interest of the group.

Meeting was adjourned at 10:40 P.M.

A. D. SPICER, *Secretary*

Ambraw Chapter

The meeting of the Ambraw Chapter of the Illinois Society of Professional Engineers was held at the Belwood Hotel in Effingham on February 9, 1950 with D. R. Connor, Sr., presiding.

Dinner was served at 6:30 p.m. and the meeting called to order at 7:30 p.m. The following members and guests were present:

H. S. Bateman, R. J. Benefiel, H. L. Brissenden, C. Burggraf, D. R. Connor, Sr., H. K. Dolbow, J. W. Henline, G. W. Henderson, R. Jenkins, B. P. Johnson, A. Marbry, C. P. Mathy, E. S. Organ, K. W. Porter, R. Walters, W. H. Woelfer, C. H. Wiley.

Guests—John Spiers, Don Raney, R. J. Shaffer, R. Horn, Paul Taylor.

The minutes of the meeting of December 15, 1949 were read and approved.

Moved by Brissenden and seconded by Mathy that the following bill be allowed:

Mary Flack—Stenographic Services, postage, etc., for meeting February 9, 1950.....\$4.00

Motion carried.

The Secretary then read all committee appointments for the coming year.

The program chairman asked permission to discuss future meetings. His recommendation to the Chapter was to divide the zone area into four smaller areas and have someone, or one of the principal committee members responsible for each meeting. This recommendation was adopted, and the Ethics and Practice Committee was to be in charge of the next meeting.

The Secretary read correspondence concerning the refresher course, requesting all members to report to him any engineers who might be interested in this course.

Mr. Henline reported on the annual meeting and out-

ed the proposed work for the coming year; stressing importance of having all committees functioning. discussed the building program; the set-up of new committees and some of their duties.

The program chairman introduced Mr. Paul Taylor Effingham, who is a member of the State Legislature.

Taylor gave a very interesting talk on the work of Administrative Practices and Procedure Commission which he is chairman. R. B. WALTERS, *Secretary*

Madison County Chapter

A regular meeting of the Madison County Chapter of Illinois Society of Professional Engineers was called to order by President Flagg in the North Room of the Cafeteria at the Shell Refinery, Roxana, Illinois, Jan. 1950.

The minutes of the November meeting were read and approved.

An item of "Correspondence" from Mr. Weeks of Highland Park, Illinois, dated Dec. 17, 1949, was ordered referred to the Registration Law Committee.

The report of receipts and disbursements was read and accepted. Mr. Voorhees commented on the good balance remaining. Mr. Wade suggested that the outgoing Chapter Representative's bill for convention expenses be submitted for prompt payment.

Mr. Flagg turned over the meeting to the Program Chairman, who introduced Mr. Kennedy and Mr. Humphrey of the Portland Cement Association. Mr. Humphrey worked for about two hours, illustrating his lecture with blackboard diagrams and Kodachrome slides of Alaska, showing the problems of foundation construction in the "perma-frost."

After expressions of appreciation and thanks for the program, the meeting adjourned to the cafeteria.

L. K. MEYER, *Secretary-Treasurer*

Madison County Chapter

A regular meeting of the Madison County Chapter, S.P.E., was held February 14, 1950, in a private dining room of the Stratford Hotel, Alton. This joint meeting with members of the Southern Illinois Chapter of the A. I. A. was attended by twenty-five members and guests, 23 of whom came for dinner.

After reading of minutes, several matters of business were attended to. Mr. Willis made a brief report of the annual meeting. President Flagg spoke of the new committees for Legislative Analyst and Military Affairs, and appointed members to serve. Membership Chairman Voorhees emphasized that membership depends on personal contact with other engineers and prospective members.

Program Chairman Graham outlined plans for the future, before presenting Mr. Abraham who had organized this meeting as an opportunity for discussion of differences, and zones of co-operation between the fields of engineering and architecture.

Mr. Ed Kane of the Architects stated that today's affairs are run by organizations, which should act and work like professional men, and by a code of ethics, to

build public esteem. He spoke in favor of one Architectural Engineering Act, which would delegate powers to register men according to ability, and an agency set up to enforce the Act.

Mr. Abraham read the legislative definitions of Architect, Structural Engineer, and Professional Engineer, and spoke in favor of an Engineering-Architectural Council to promote proper building codes, discuss common problems, and promote publicity. Following came a general discussion of County- and State-wide codes, talk of danger to the professions in socialization and too much governmental control. A discussion of the laws in other states led to thought of a common organization for professional men. Mr. Kane expressed the opinion that it wouldn't be too difficult to get different groups to join in such action. Mr. Voorhees referred to the "National" Society as being Professional rather than Technical, and although it is younger than the "founding" societies, it may be the logical one to carry on to a solution of the "neat problem" presented. (That of a common professional organization of, for example, doctors, nurses, engineers, detectives, plumbers, etc.)

The meeting adjourned with an invitation from President Flagg to attend future meetings, and join the I.S.P.E.

L. K. MEYER, *Secretary-Treasurer*

Capital Chapter

Regular meeting of Capital Chapter, Illinois Society of Professional Engineers convened at "The Mill" at 6 P.M. Tuesday, January 24, 1950.

The meeting was called to order by Vice-President P. J. Murphy in the absence of President Frost who is in Boston on business. Reading of the minutes was dispensed with.

Vice-President Murphy then introduced the new members and guests. He also announced that Lee Stickler had been elected by the Junior members as their representative on the State Board of Direction.

The Secretary read a letter from Mrs. Edgar Schrock advising that her husband had suffered a heart attack on January 5 at work in Springfield and that he will be at home in Pontiac, Ill., indefinitely.

Vice-President Murphy read a letter from the Exchange Club regarding cooperation on their proposed smoke abatement program. A motion was adopted that the President appoint a committee to examine the problem.

Vice-President Murphy also read a letter from the Illinois Section of the American Society for Quality Control asking the Chapter to join them in a meeting March 10, 1950. A motion that the Chapter accept the invitation was approved.

As the result of a motion last meeting that a joint meeting be held with the Highway Engineers, a letter was read that Mr. Carter of the National Highway Contractor's Association would be available to speak Monday, March 27, 1950. A motion was approved that a committee be appointed to arrange the meeting and complete arrangements with the speaker.

As the result of action at the last meeting a resolution

regarding "Engineer of the Year" was presented. After some discussion the attached resolution was adopted.

The attached resolution on awarding Engineering Registration certificates was unanimously adopted.

Vice-President Murphy then interrupted the order of business in order that Vice-President elect G. A. Rehm could present the speaker of the evening, Mr. Allen T. Gordon, Legislative representative of the Illinois Manufacturing Association for the past 22 years.

Mr. Gordon gave a very informative talk on the legislature and its procedures and the amount of work required to keep up with it.

Harry Cordes gave a report on membership. 189 members including applications pending.

Lee Stickler reported 40 requesting the Structural Refresher Course starting Feb. 2.

A motion was adopted to instruct our Chapter representative to request the State Board to instruct the State Secretary to send refunds to the Chapters covering all members in the Chapter area of responsibility as designated by the Board unless a member specifically requests a different Chapter affiliation.

Mr. L. K. Crawford gave a report as Chairman of the Chapter's Special Committee on Convention arrangements.

He reported that plans had been made to transport all members who can attend the Convention in Decatur.

Mr. Crawford next outlined the matters which the Committee thought should be considered at the State Convention at Decatur. After considerable discussion the Chapter authorized the Committee to speak for the Chapter at the Convention.

Adjourned at 11 P.M.

J. W. MARQUARDT, *Secretary*

L. D. HUDSON, *Secretary-Elect*

A RESOLUTION

On Honoring an Engineer of the Year
(Passed January 24, 1950)

WHEREAS, Capital Chapter desires that the public relations program of the ISPE and NSPE be activated and expanded, and,

WHEREAS, it is deemed fitting to honor an individual personally, be it,

RESOLVED, That Capital Chapter advocates the establishment of a process for selecting an outstanding professional engineer who shall be honored as Engineer of the Year; and be it further

RESOLVED, That a copy of this Resolution be transmitted to Illinois Society of Professional Engineers and a copy to National Society of Professional Engineers.

J. WALTER MARQUARDT, *Secretary*

A RESOLUTION

(Passed January 24, 1950)

On Awarding Engineers Registration Certificates

WHEREAS, the Society of Professional Engineers in all its divisions and sub-divisions is dedicated to the welfare of the professional engineer, and,

WHEREAS, the presentation of registration certificates by, or through, a division or sub-division of the Society

of Professional Engineers will add stature and prestige to the professional engineer and will place him in direct contact with the Society of Professional Engineers, and,

WHEREAS, Capital Chapter tried, without success, to obtain permission from the Illinois Department of Registration and Education to sponsor a public presentation of certificates to professional engineers in the Springfield area who had passed the December, 1949, examination, and,

WHEREAS, in Ohio the Board of Registration in 1949 made public presentation of registration certificates in cooperation with the Ohio Society of Professional Engineers, and,

WHEREAS, New York State Society of Professional Engineers has been conducting conversations with the Board of Examiners looking towards the presentation of registration certificates by the Board at State Society meetings; now, therefore, be it

RESOLVED, That Illinois Society of Professional Engineers be urged to affect an arrangement with the Department of Registration and Education whereby registration certificates may be publicly presented at the Department in cooperation with the State Society or its Chapters.

J. WALTER MARQUARDT, *Secretary*

Egyptian Chapter

The Carbondale Chapter of the Illinois Society of Professional Engineers met February 21, 1950 at 6:30 P.M., at the Jackson Country Club, east of Murphysboro with chicken dinner as first order of business.

The Chapter convened about 7:45 P.M. with President T. O. Cromeenes presiding. Members present were Broek, Burnett, Dexheimer, Haroldson, Hinkle, Huffman, Keen, Kerwath, Killpatrick, Lee Meisenheimer, Persson, Riseling, Setzekorn, Sherertz, Simonds and Speake. Mr. "Ed" Harrington and Mr. "Art" Schmidt of Mt. Vernon and Mr. Fred Madorin of Carbondale were guests. The minutes of the last meeting were read and approved.

President Cromeenes mentioned some of the questions which arose at the recent State meeting at Decatur urging all members to vote on the building matter. Retiring Chapter Representative Persson led a detailed discussion on the proposed building, in which the members present went into the details of background, costs and possibilities. There was some discussion of location. No concerted action was taken, but it was clear that the membership will give careful thought before voting.

Necessary work with the State Legislature was discussed, including Mr. Babbitt's request of February for appointment of a Legislative Analyst Committee. It was moved by Kerwath, seconded by Dexheimer and unanimously passed, that the present legislative committee also act as the legislative analyst committee.

Program Chairman Kerwath introduced the guests. After discussion he was unofficially instructed to schedule a few more meetings at the Jackson Country Club.

Past President Lee reported on phases of the convention not already discussed, including a short resume of each principal speech.

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Mr. Fred Madorin, representing the Socony-Vacuum Oil Company, showed two sound color movies. The first, "Behind the Checkered Flag," showed construction of racing cars for and the actual running of the Indianapolis 500 mile speedway classic. The second movie showed the oil development in Saudi Arabia. These movies were excellent and entertaining.

J. L. BURNETT, *Secretary*

P.C.A. SPONSORS SAFETY MEETINGS

More than 80 men from portland cement mills and quarries in southern California attended one of a nationwide series of cement industry safety meetings at the Hotel Biltmore in Los Angeles, Tuesday, January 1. This meeting was the first of 21 regional meetings at which 63 portland cement plants throughout the United States and Canada will be represented. The final meeting of the series will be held at Petoskey, Mich., May 16. These meetings are sponsored by the Portland Cement Association.

L. E. Bancroft, vice president and general manager of the California Portland Cement Co., Colton, Calif.,

will be general chairman of the Los Angeles meeting. George E. Warren, president of the Southwestern Portland Cement Co., will preside at the luncheon session of the conference.

Guests and special speakers will include state and local officials active in promoting industrial safety together with local engineers of the United States Bureau of Mines. Also attending the meeting will be A. J. R. Curtis, Chicago, safety director, Portland Cement Association.

The program will include an analysis of cement mill accidents of 1949 and their causes as a part of a renewed drive to prevent disabling injuries and maintain the cement industry's position as one of the safest in the nation. Proposed methods for the complete elimination of these accidents and injuries will come under thorough discussion. Attention will also be given to safe driving, the industry's safety program including accident prevention and health promotion at home and on the streets as well as on the job. The motion picture, "The Drama of Portland Cement" in color and sound will be shown, augmented with 75 slide films an accident prevention in mills and quarries.



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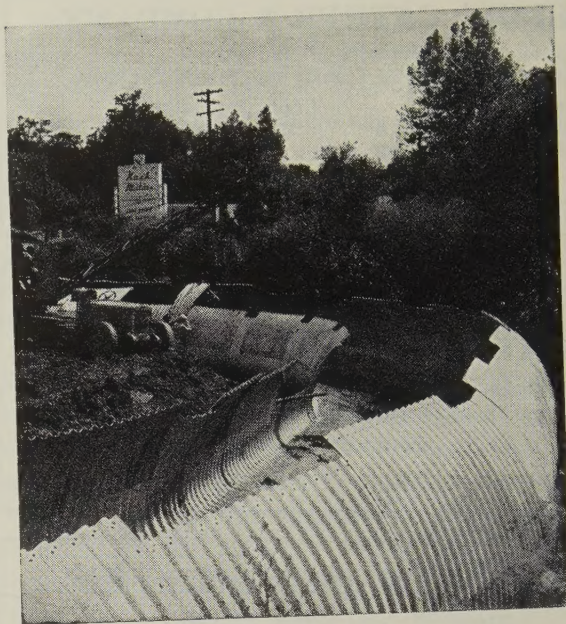
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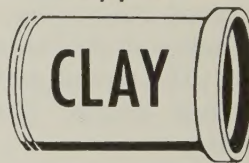
**The Illinois Society of Professional
Engineers**

204 Civil Engineering Hall
Urbana, Illinois

Boy: What is meant by a man attending a convention as a delegate-at-large?

Father: It means that his wife didn't go along with him.

**Father
Time
approves**



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